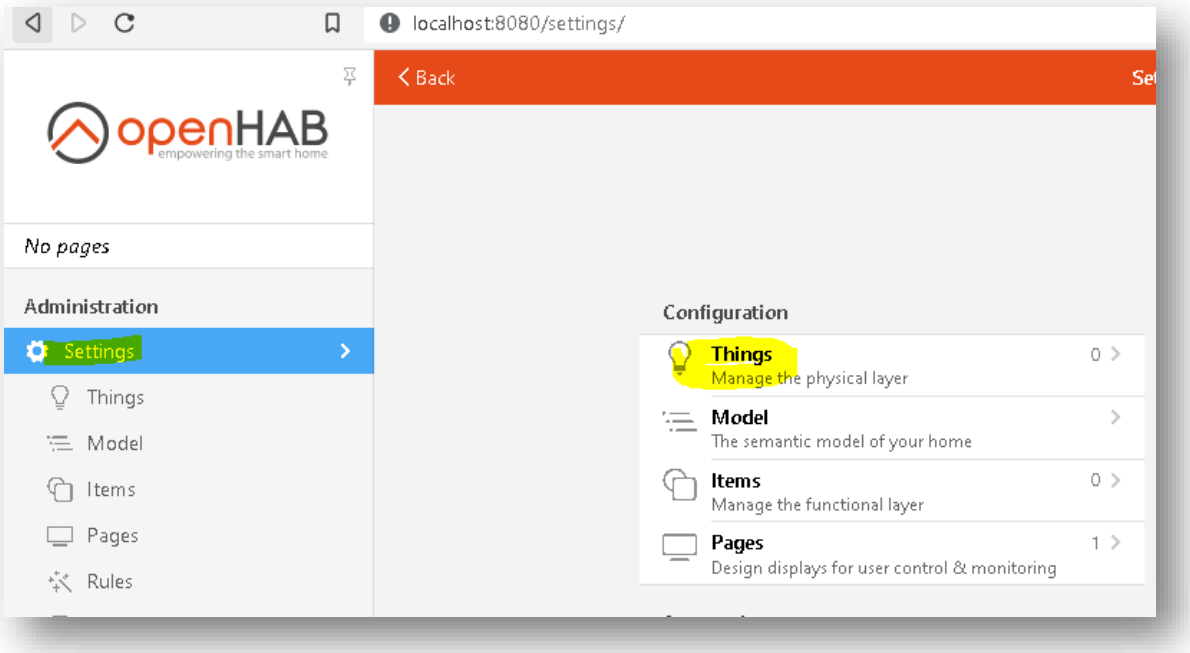
Step 8

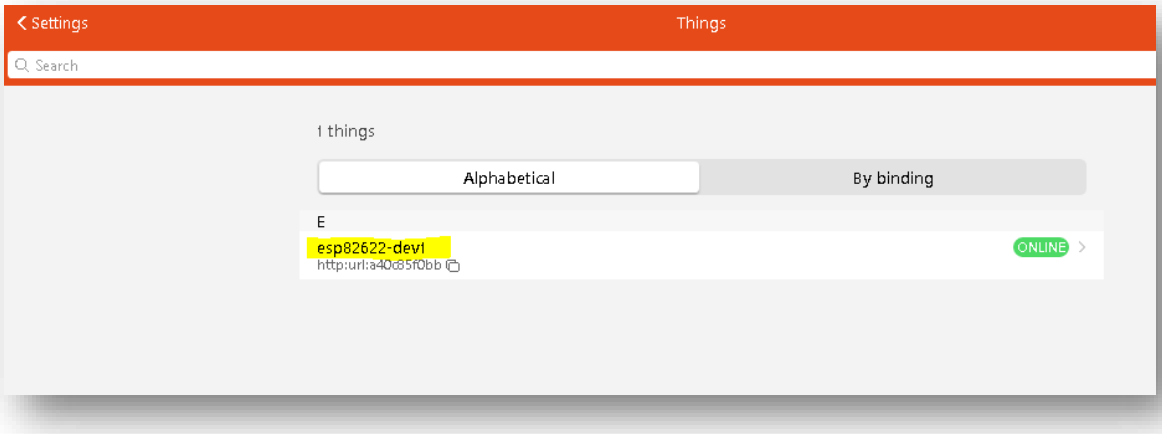
Enabling DHT Sensor

On the same OpenHAB main page continue with the following steps

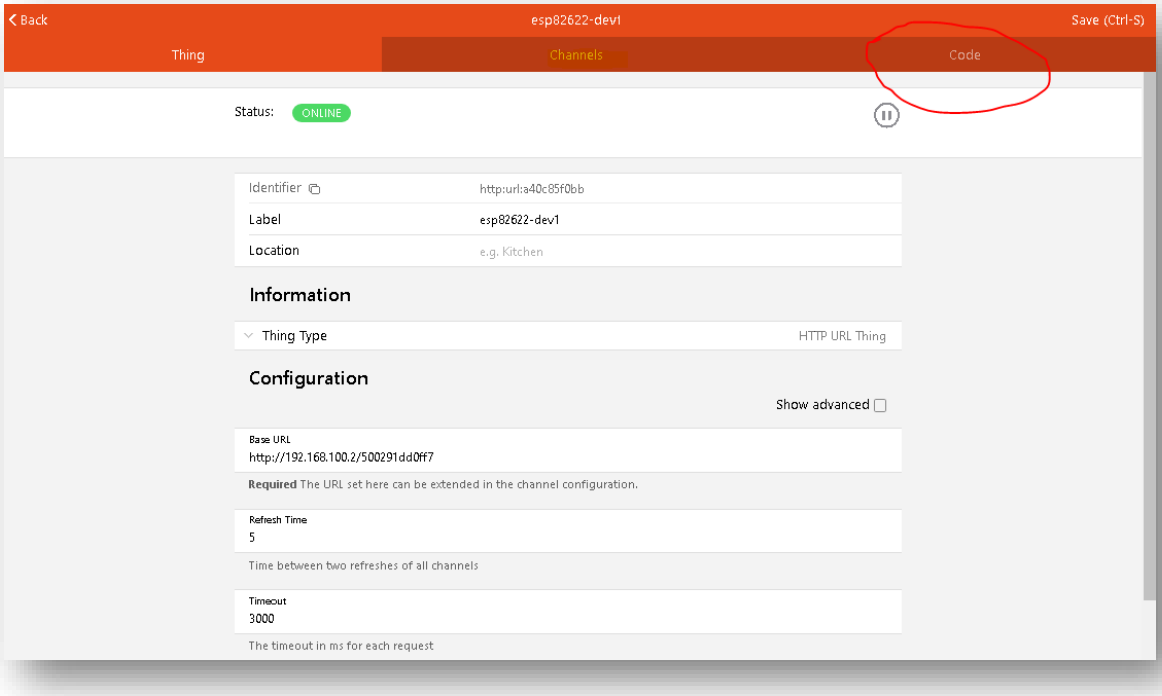
Click Settings > and Things



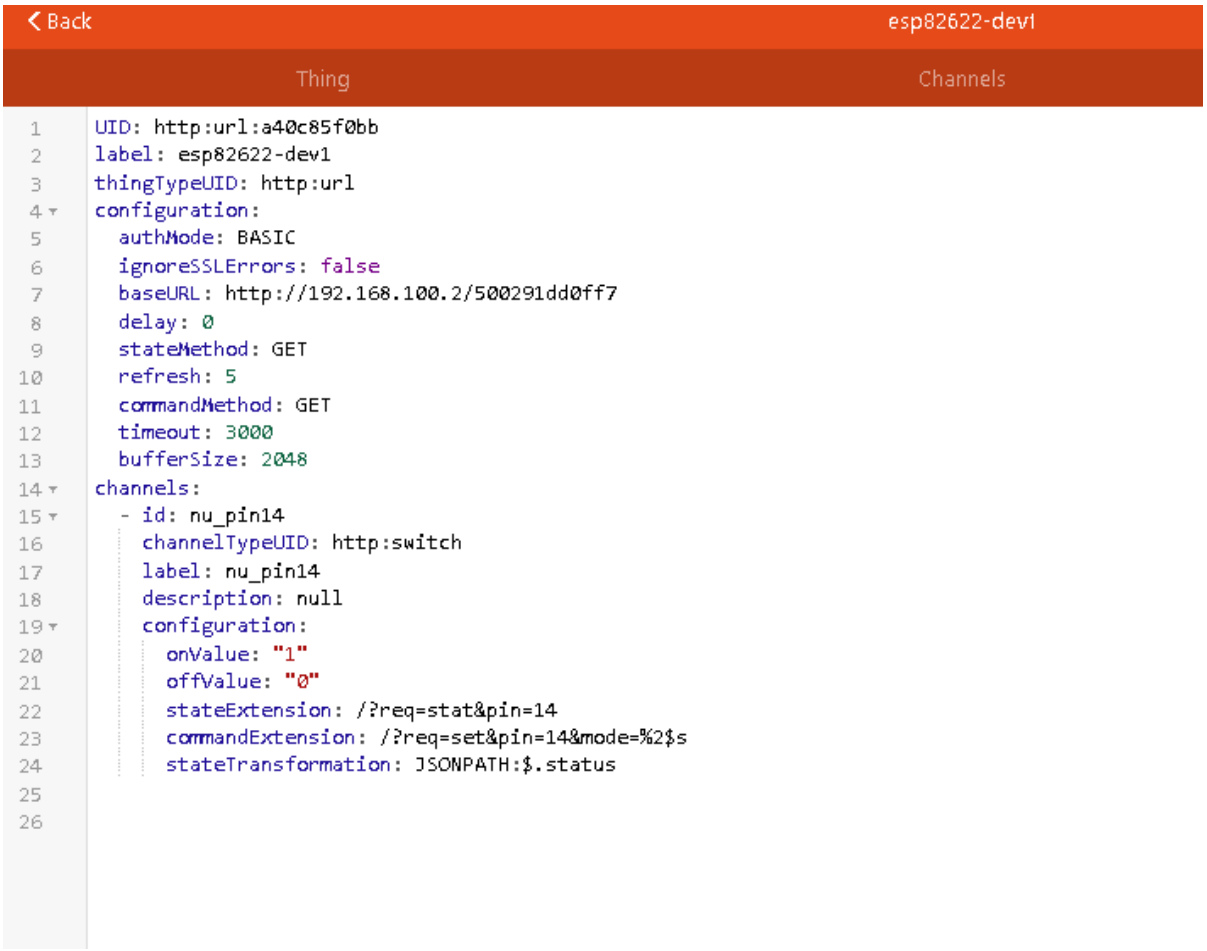
Click the newly added ESP device



Click the “Code” tab



This will display the editing window



Copy and paste below line of codes and add it at the end of the editing window

---------- code ----------

```
- id: nu-temp
  channelTypeUID: http:number
  label: nu-temp
  description: null
  configuration:
    mode: READONLY
    stateExtension: /?req=stat
    stateTransformation: JSONPATH:$.temp
- id: nu-hum
```

```
    channelTypeUID: http:number
    label: nu-hum
    description: null
    configuration:
      mode: READONLY
      stateExtension: /?req=stat
      stateTransformation: JSONPATH:$.hum
```

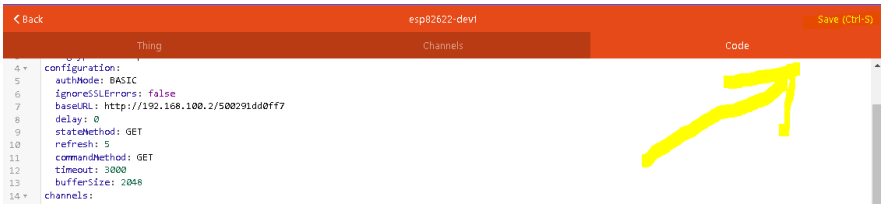
---------- code ----------

[can’t copy the code above?] Click this <link> to get the text format file

Warning! Make sure of that all id are on the same line, on the source code this is very important otherwise this will throw an error

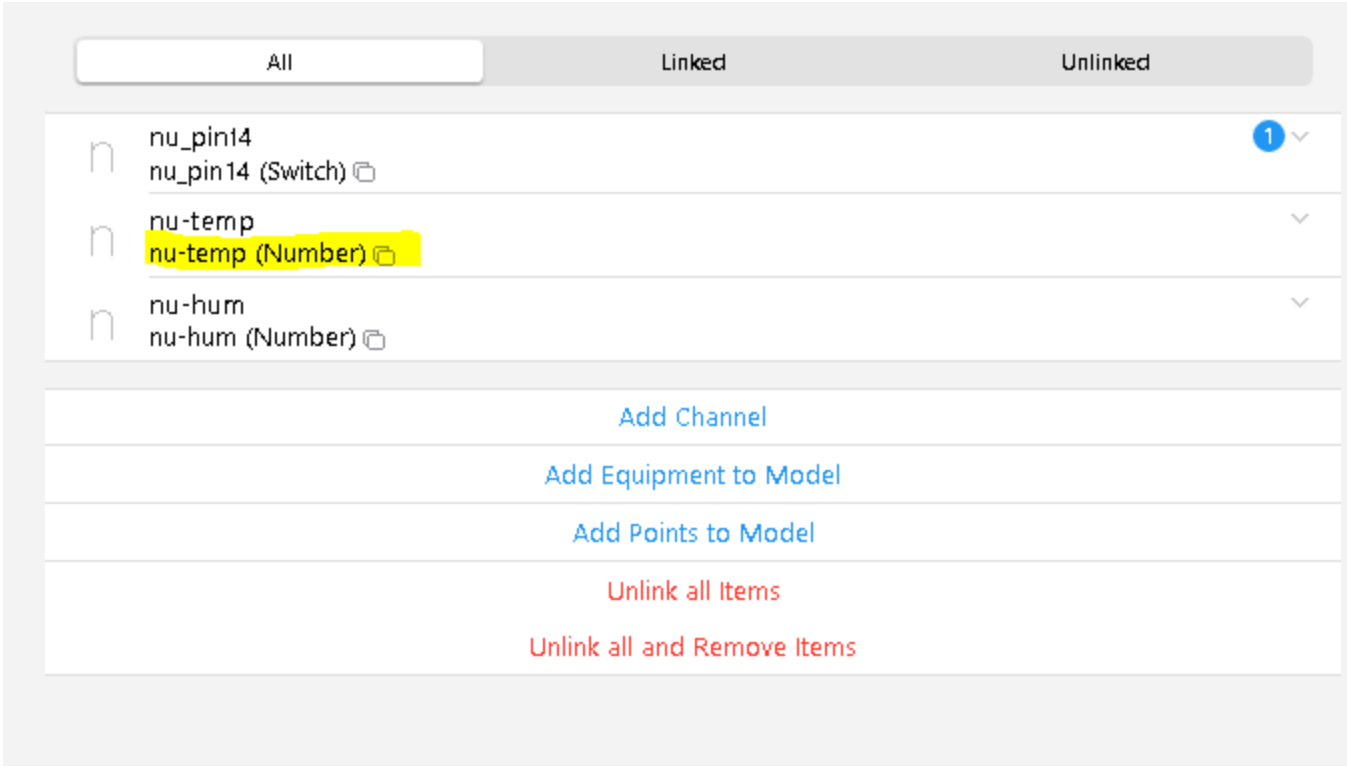
Once you confirmed you're done, then you can go ahead and save the changes

by clicking the button “Save (Ctrl+S)” on
The far upper right side

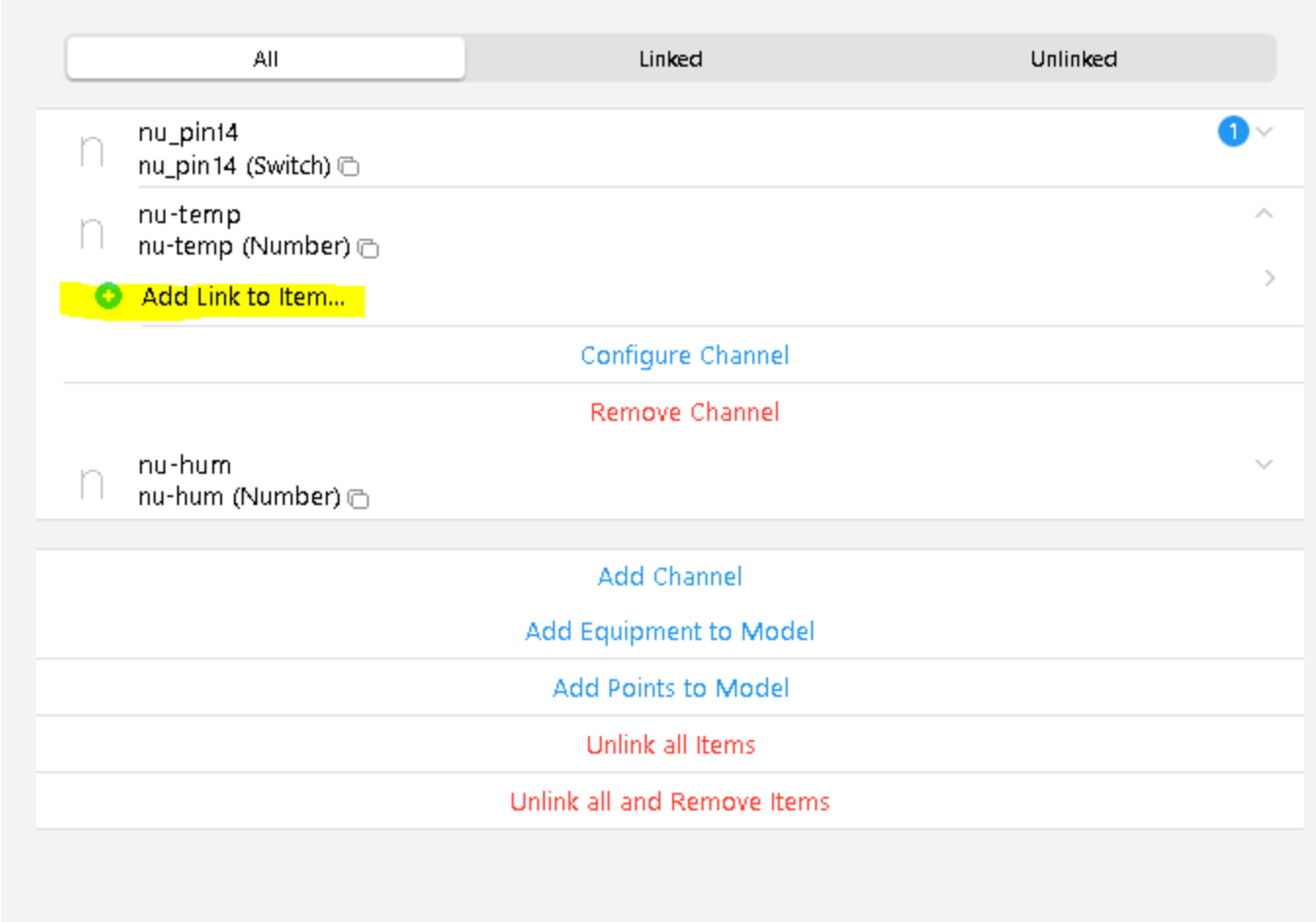


Now click the Tab “Channels” and click the newly created channel

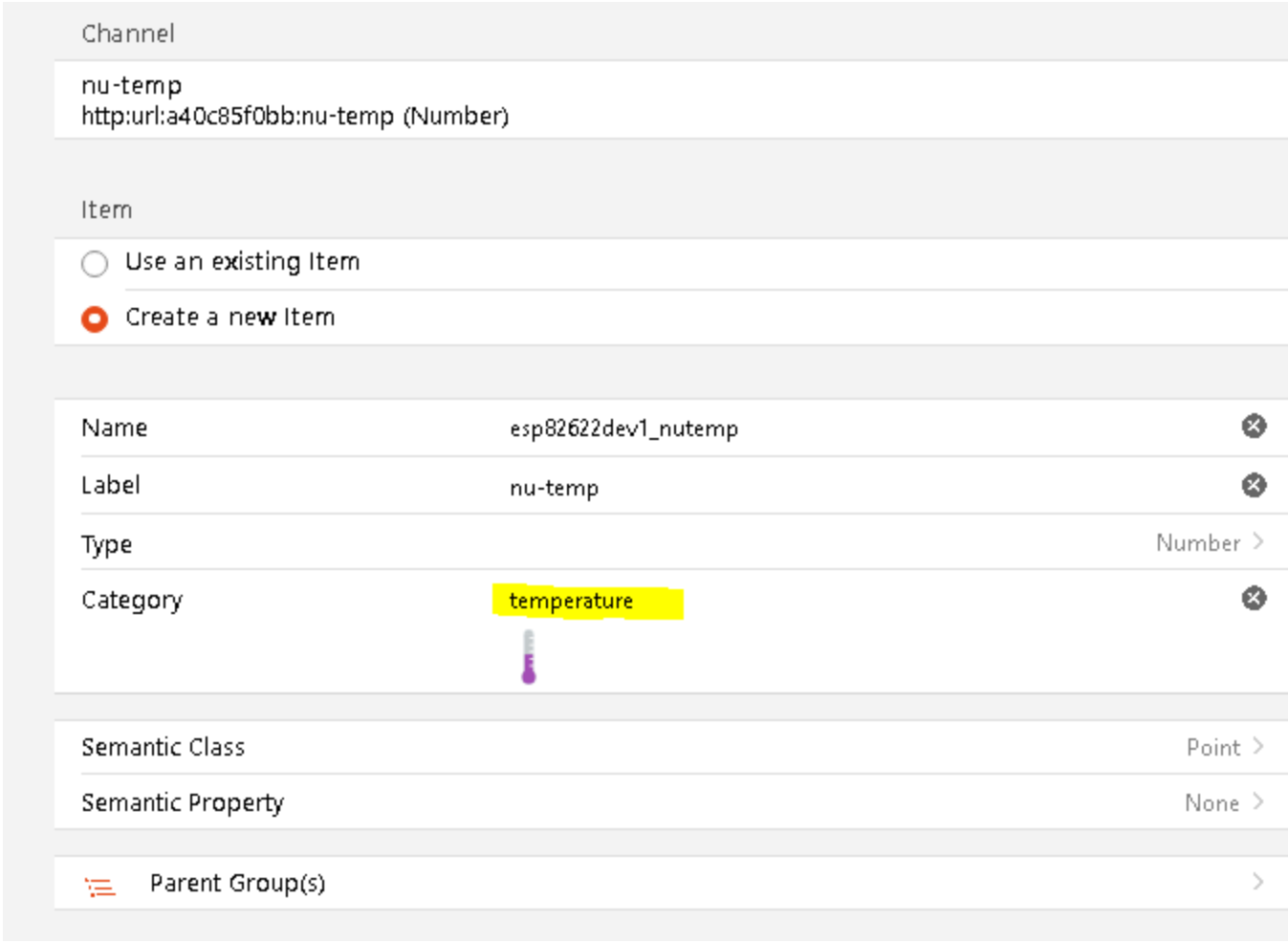
To create a “Temperature Item” click the “nu-temp” channel



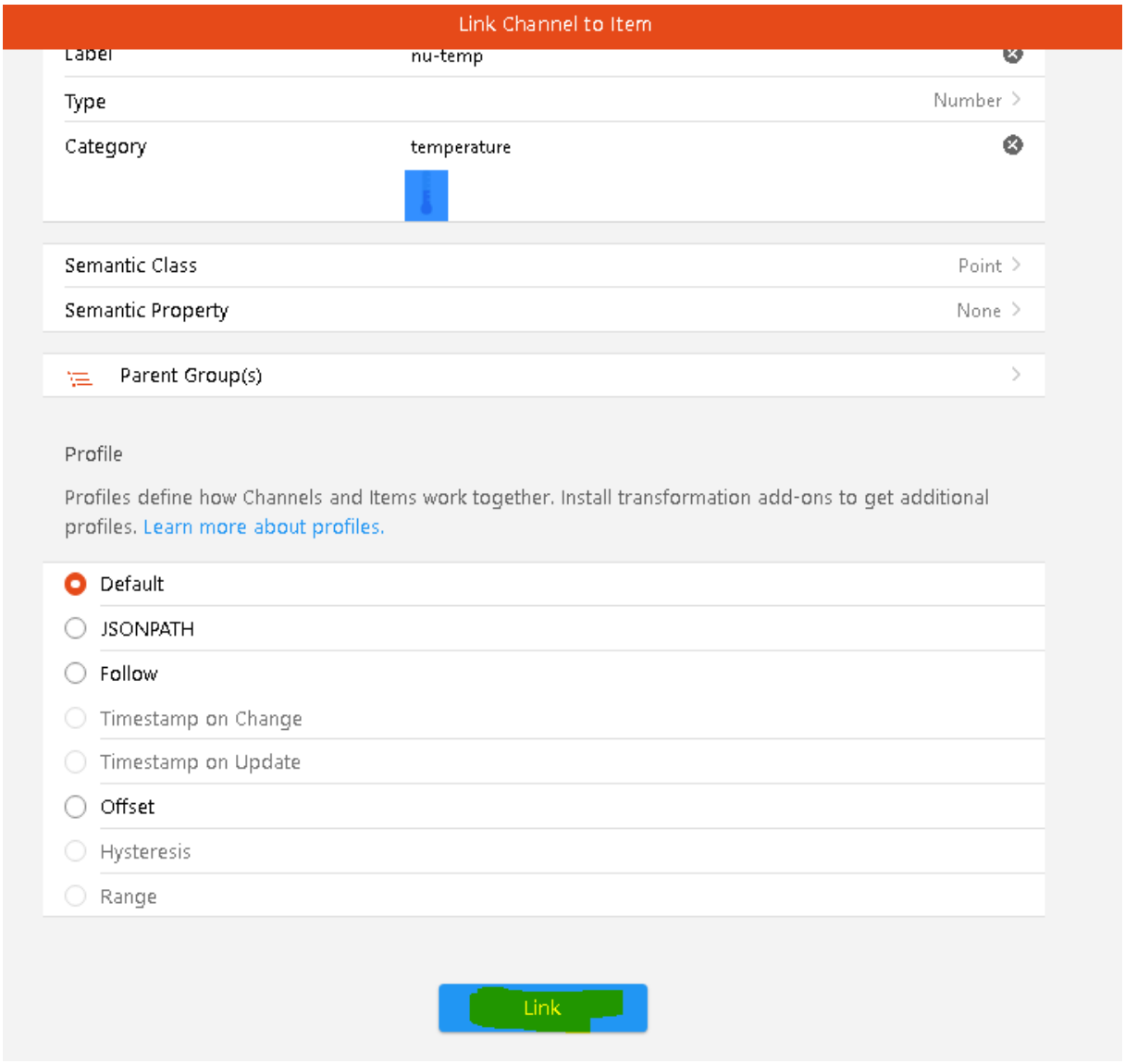
Click “Add Link to Item”



Select the “Create a new Item” and in the “Category” type temperature

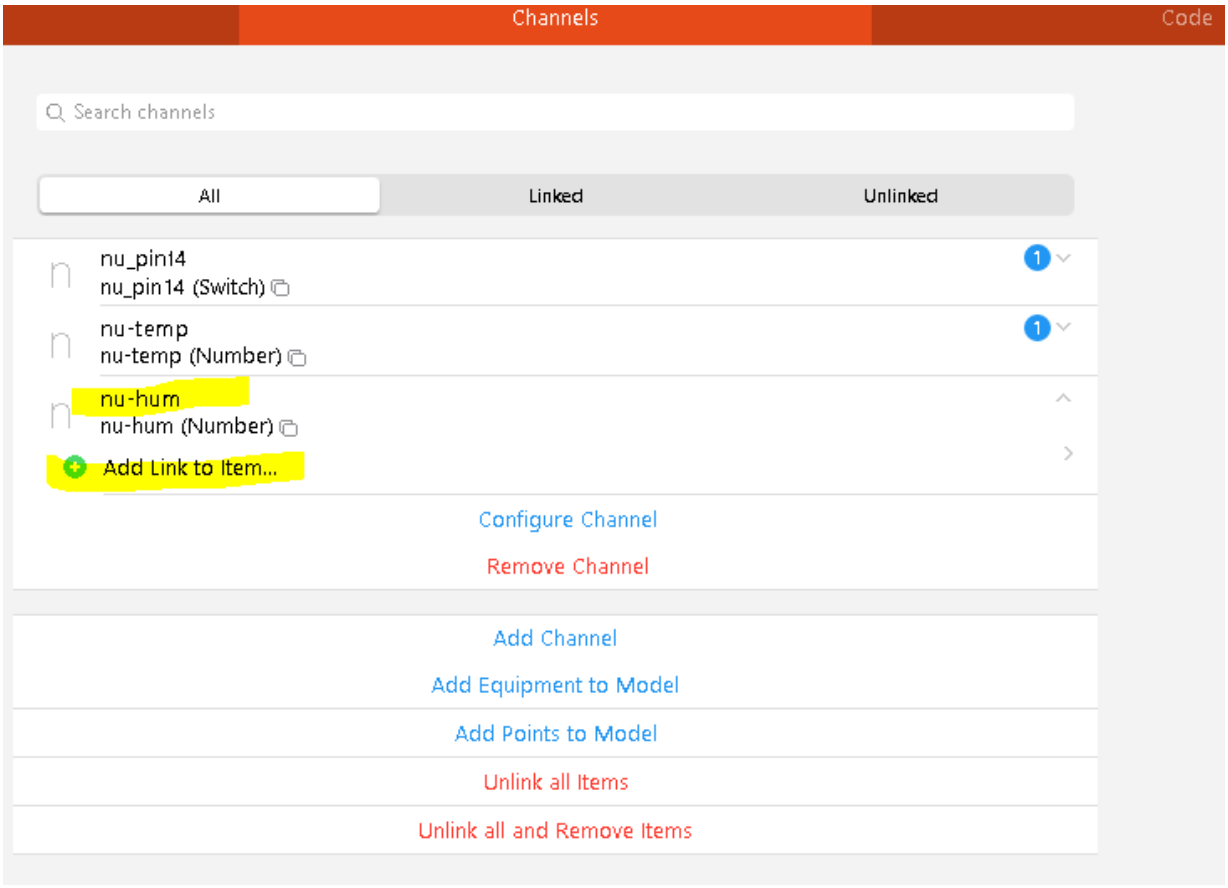


and click the Link button to finish

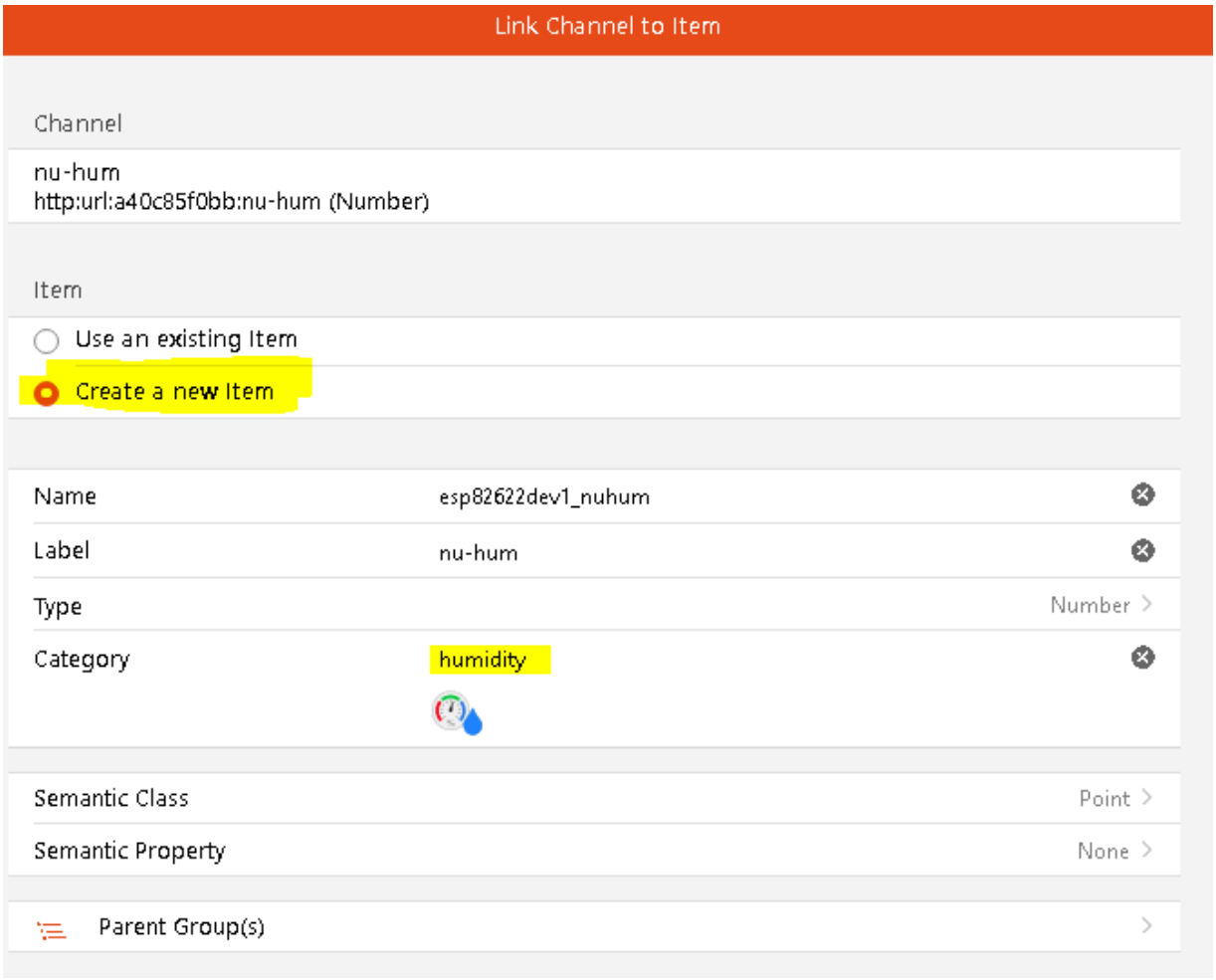


This completes the "Temperature Item" now we will create another item for
"Humidity Item"

On the channels
Click the "nu-hum" channel and click the "Add Link to Item"



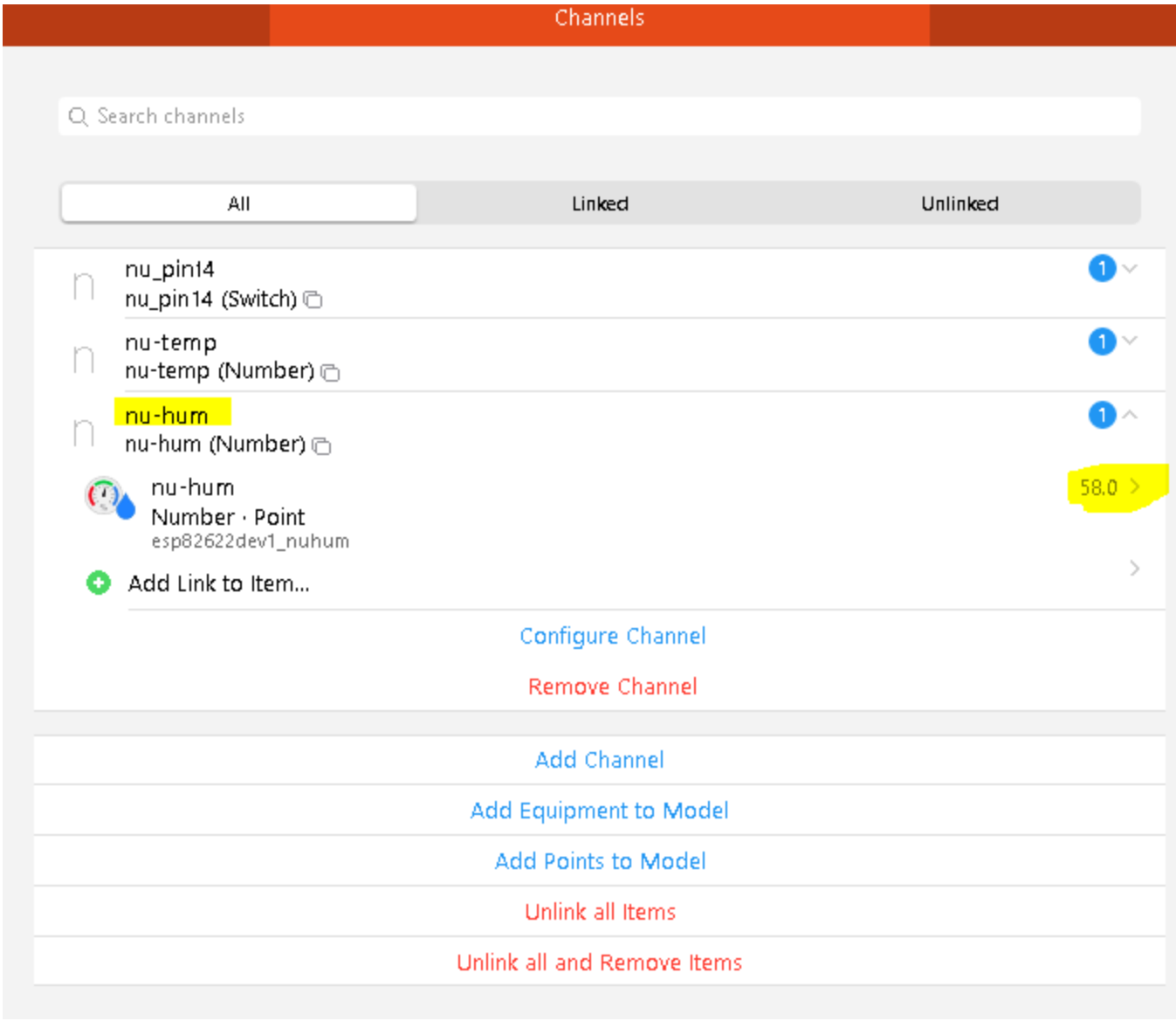
Select the “Create a new Item” and in the “Category” type “humidity”



And to finish it click the "Link" button on the bottom page

To see the sensor data, you click the channel type and on below item, you will
See the values getting capture remotely from your sensor

Like for example below the DHT for humidity is giving 58.0%



This completes STEP 8 (Step8 - Enabling DHT Sensor)

Congratulations!

Proceed to STEP 9 (next is to create a HABPanel Dashboard for your items)

End